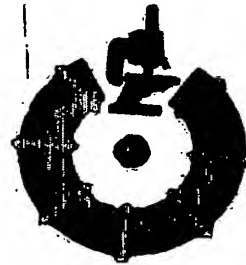


0.52
21

EG/03/8

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research and Technology
Patent Office

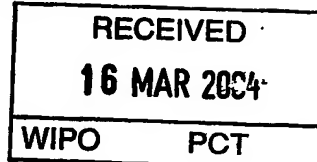


To Whom It May Concern

The Chief of the Patent Office certifies that **GAMIL ROUSHDY NASHED BEHMAN**

Address : **SALH AL SHEHABY MOHARAM - BEK - ALEXANDRIA**

ARAB REPUBLIC OF EGYPT



has filed application No.1294 on 01/12/2002 to obtain a patent for an invention titled :

(**A VERY PRECISE ARE EASILY OPERATED AND RQUIPPED
FOR MANY POTENTIALS**)

swgn
This Document was given to him upon his request,

Dated **25/01/2004** Coupon No. **41374**

Patent Office Supervisor

Hisham Ezzat

Dr. Hisham Ezzat El Dib

Prof. Dr. Fawzi A. Elrefaie



Feb-10, 2004
**President,
Academy of Scientific
Research and Technology**

**PRIORITY
DOCUMENT**

SUBMITTED OR TRANSMITTED IN
COMPLIANCE WITH RULE 17.1(a) OR (b)

Best Available Copy

This ' Document ' is given to an applicant upon his request
This ' Document ' doesn't, by any means, indicate that a patent has been issued for the applicant

Arab Republic of Egypt
Ministry of State for Scientific Research
Academy of Scientific Research & Technology
Technology Development & Scientific Services Sector
Egyptian Patent Office

EGYPT



(22)

(21)

(44)

(45)

(11)

(51) Int. Cl.⁶

(72) 1. Gameel Rushdy Nashed Behman
2.
3.

(72) 1. Gameel Rushdy Nashed Behman
2.
3.

(73) 1. Gameel Rushdy Nashed Behman
2.

(30) 1.
2.
3.

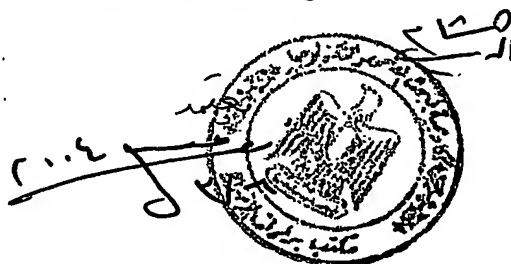
(74)

(12) Patent

(54)

WOOD DRILL PROVIDED WITH GUIDING HAND

This invention relates to a wood drill provided with guiding hand. It is used to help with making holes in the thick parts of wood. The hand is adjusted and fixed at the thick part and the chuck R to be the start point. The drill bit is used for making the hole.



أنا سميح
أحمد محمد

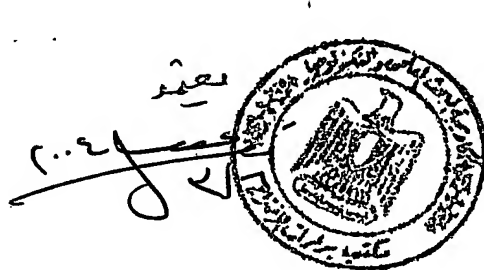


This is a translation for application No.1294\2002 filed on 01/03/2004

(4) The full description

(4\1) Previous art:

The traditional wood drill can not used for making holes in thick parts of wood.



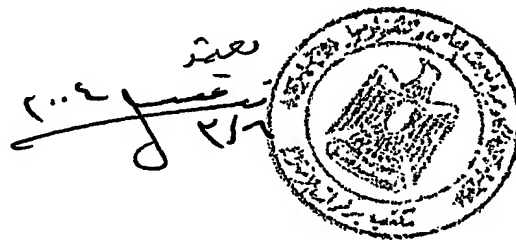
مستأجر
أ.هـ

يناس عبد السلام
شروط حوله



(4/2) The problem or deficiency with previous art:

- 1- Moving the wood drill several times over the thick side of wood increases possibilities of defects.
- 2- Traditional wood drills can not used for making holes at the thick part of wood (the middle part) unless the wood thickness is suitable for the bit.



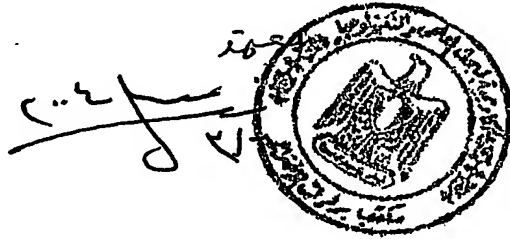
مستلم
الـ

ياسر سيد السلام
نور محمد كويل



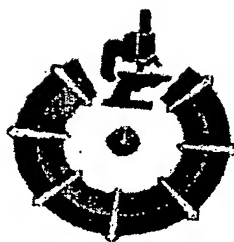
(4\3) The new with the invention:

The new is the guiding hand of the drill.



م. ط. ح.

ياسر عبد السلام
شروق عوض



(4/4) The detailed description:

This invention relates to a new wood drill provided with a guiding hand. The hand is adjusted before starting work and B1&B2 is moved according to the chosen part for making the hole (see page 1,2). The two diminishes A1,A2 are adjusted before operating by moving C1,C2 inside N1,N2. The two pins H1,H2 are used for fixing the piece of wood according to its thickness. The two diminishes A1,A2 equal the thickness of the wood. (see pages 1&2).

The angle of the hands A1,A2 axes are controlled via inserting C1,C2 inside N1,N2 and fixed with pins H1,H2. In other words, The angle is to be at the direction of the two hands. The angle of the perpendicular axe of the two hands A1,A2 is controlled via inserting D1 inside C and then the nut K is tied. This mean that many angle at the perpendicular direction could be obtained and at the same time angles at the hands directions and on perpendicularly on hands could be obtained for example 30° on the hands and 45° perpendicular on hands. On other words, such several angle could be obtained by multiplying the number of angles on the AS1,A2 by the number of angles perpendicular on the A1,A2.

Upon inserting the bit in D2, (see pages 1&2)& (projections page 5), the diameters of the of cylinder D (see page 1&2) are changeable via units Z therefore, several bits could be used. Chuck R is the adjacent point of the above unit.

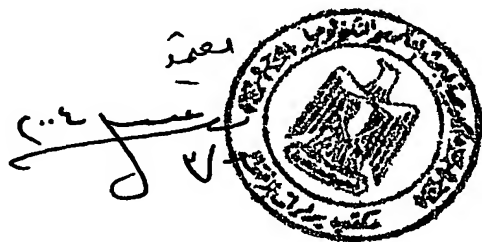


ياسر عبد السلام
مدير عام



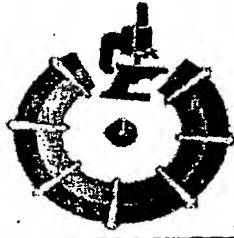
(4\5) The method of exploitation:

The unit of the invention is used with wood pieces of different thickness and the drill could be adjusted to suite the thickness.



مستأجر
الـ

ياسر عبد السلام
شركة حوله



(6) Claims

First claim:

The guiding hand,

Second claim:

According to claim 1, the pins H1,H2,

Third claim:

According to claims 1,2, the chuck R is adjusted to suite the thickness of wood,

Fourth claim:

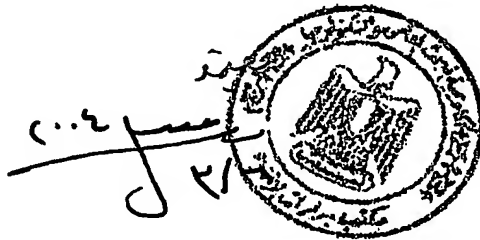
According to claims 1,2&3, several angles could be obtained,

Fifth claim:

According to claims 1,2,3&4, angels positions are changed via changing the position of D1 inside C and tying the nut K,

Sixth claim:

According to claims 1,2,3,4&5, several bits Z are used having different diameters but the outer is fixed.



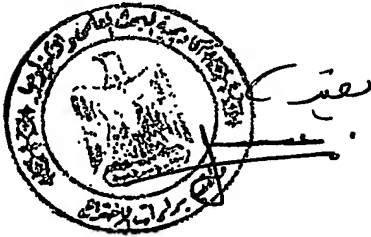
١٠١

باسم السيد
تدوين محو



(7) Drawings explanation

- 1- A1,A2: two hands,
- 2- 1,2,3,4 are the different dimensions in which the pin F is inserted,
- 3- The chuck R,
- 4- B1,B2,
- 5- N1,N2: the two cylinders,
- 6- C1,C2 are one part,
- 7- D1,
- 8- Z units,
- 9- Projections



إعجاز زاح
شهر ٢٠١٩

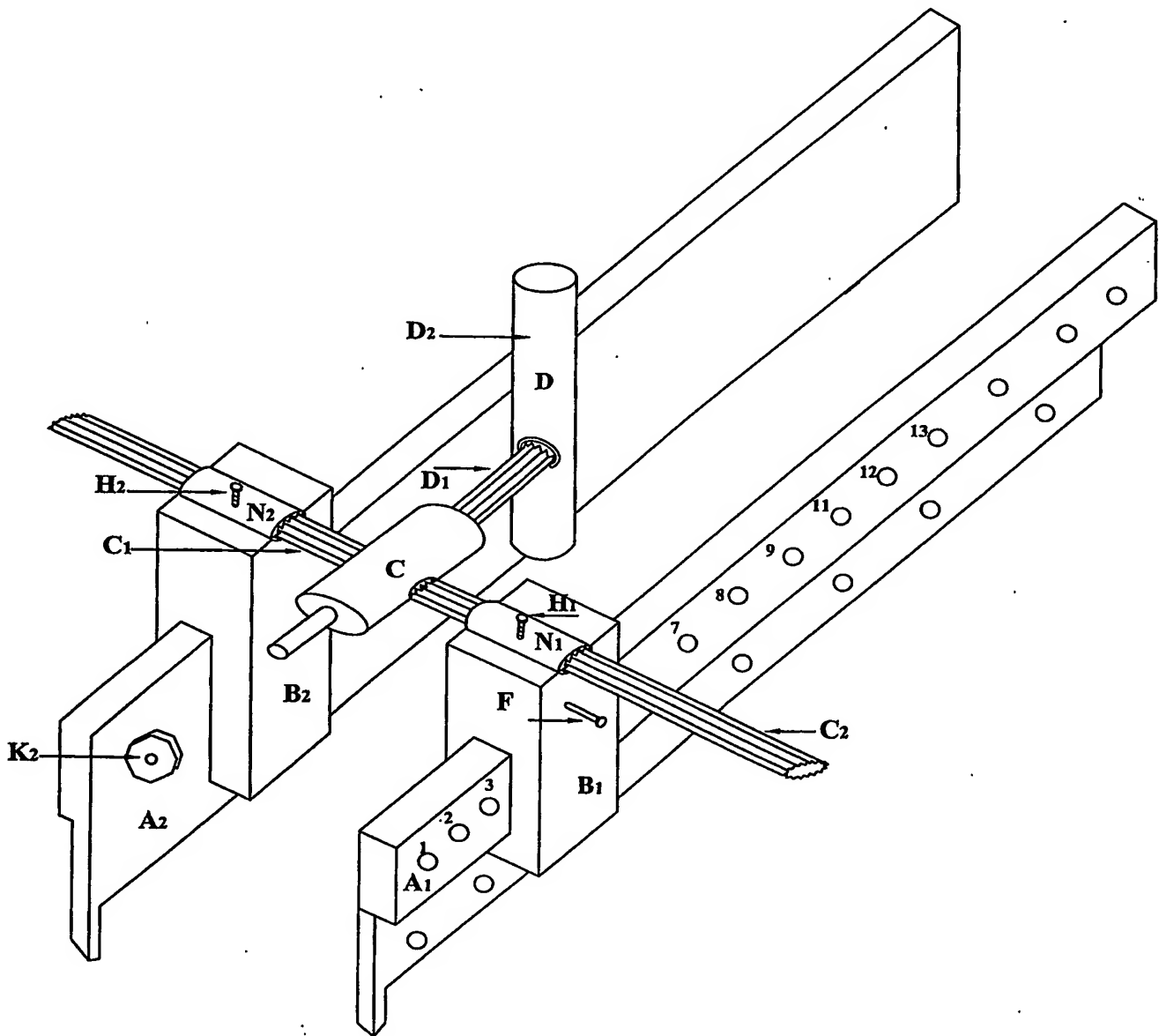


fig. 1



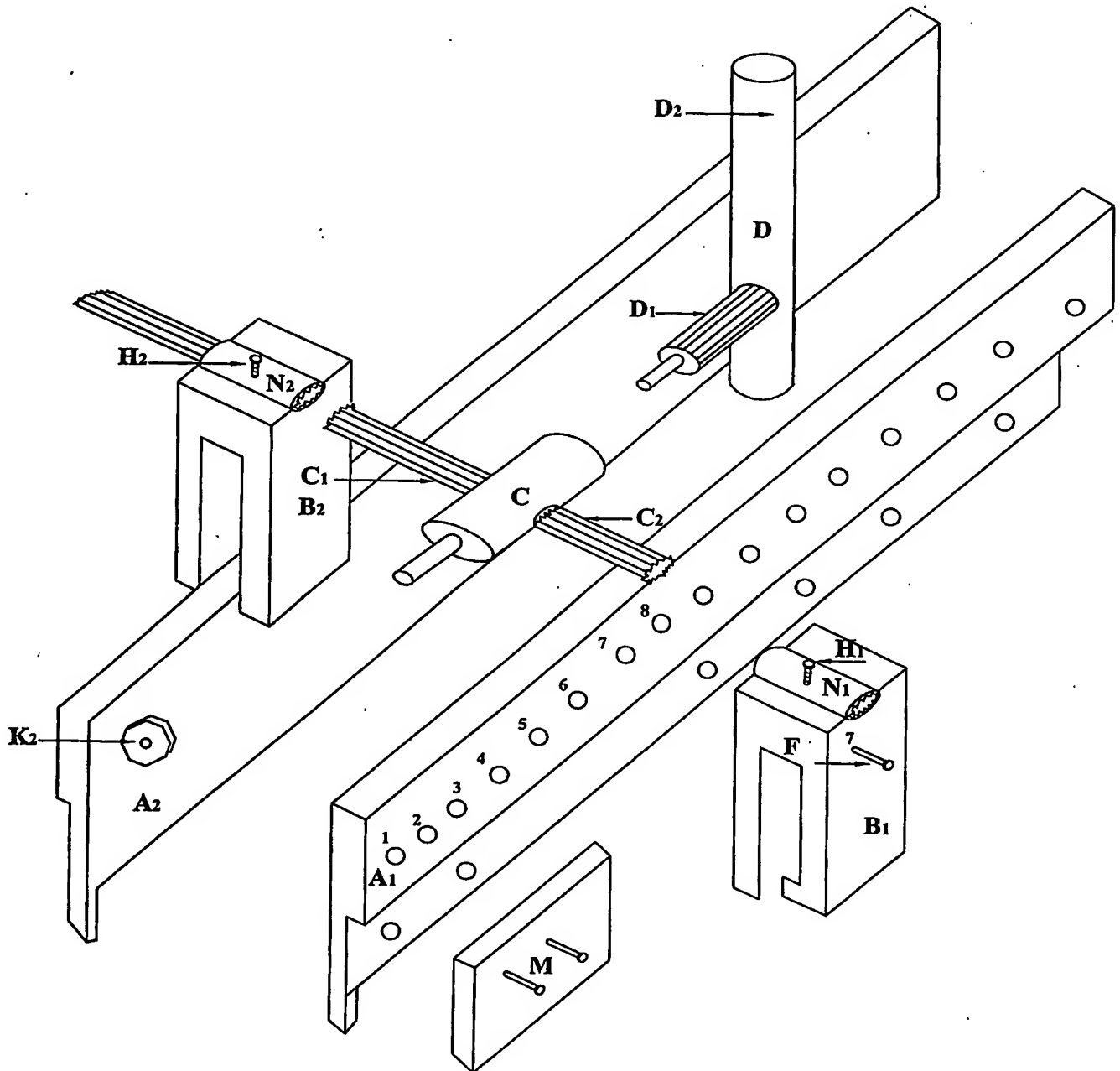


fig. 2



3/9

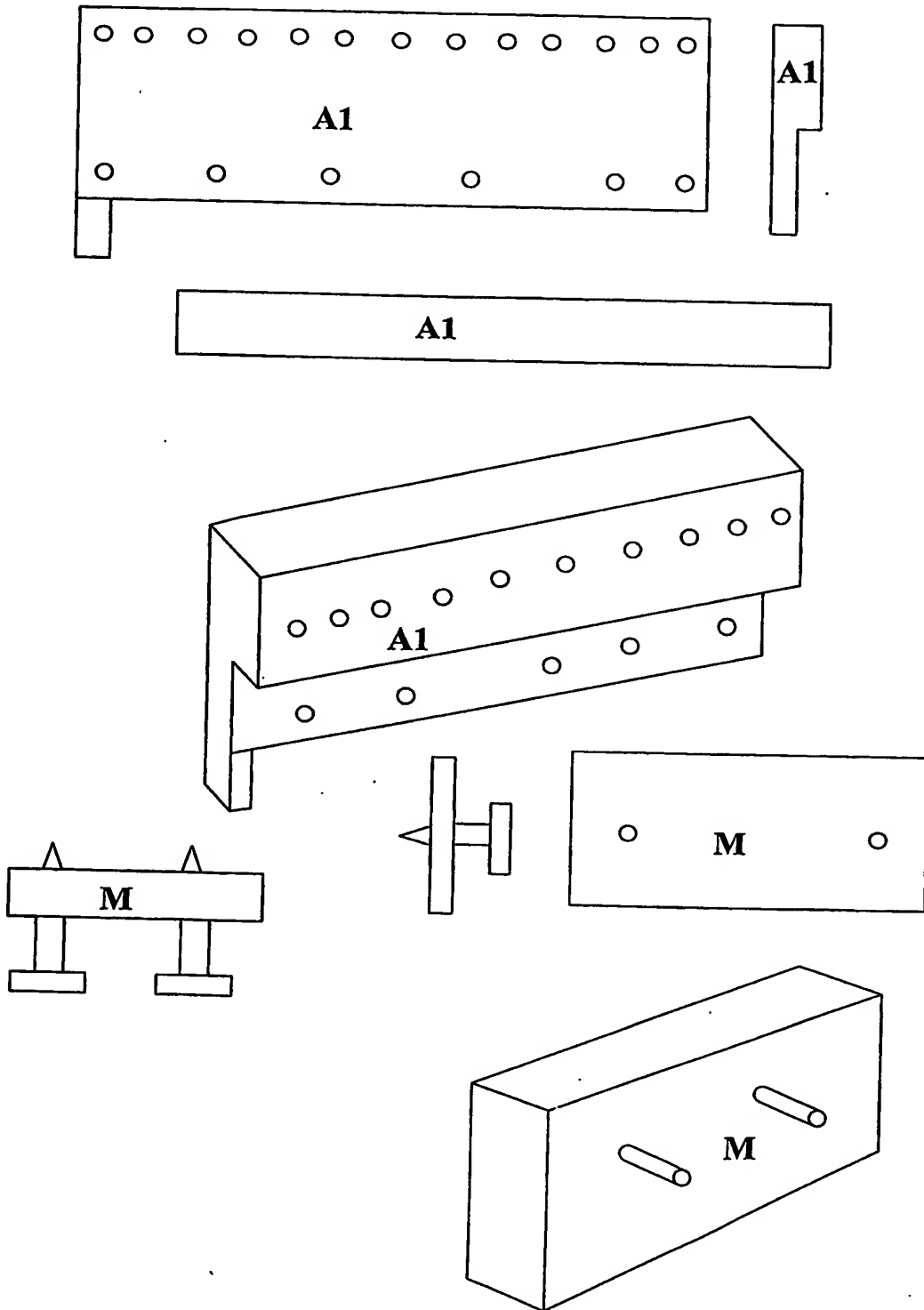


fig. 3



4/9

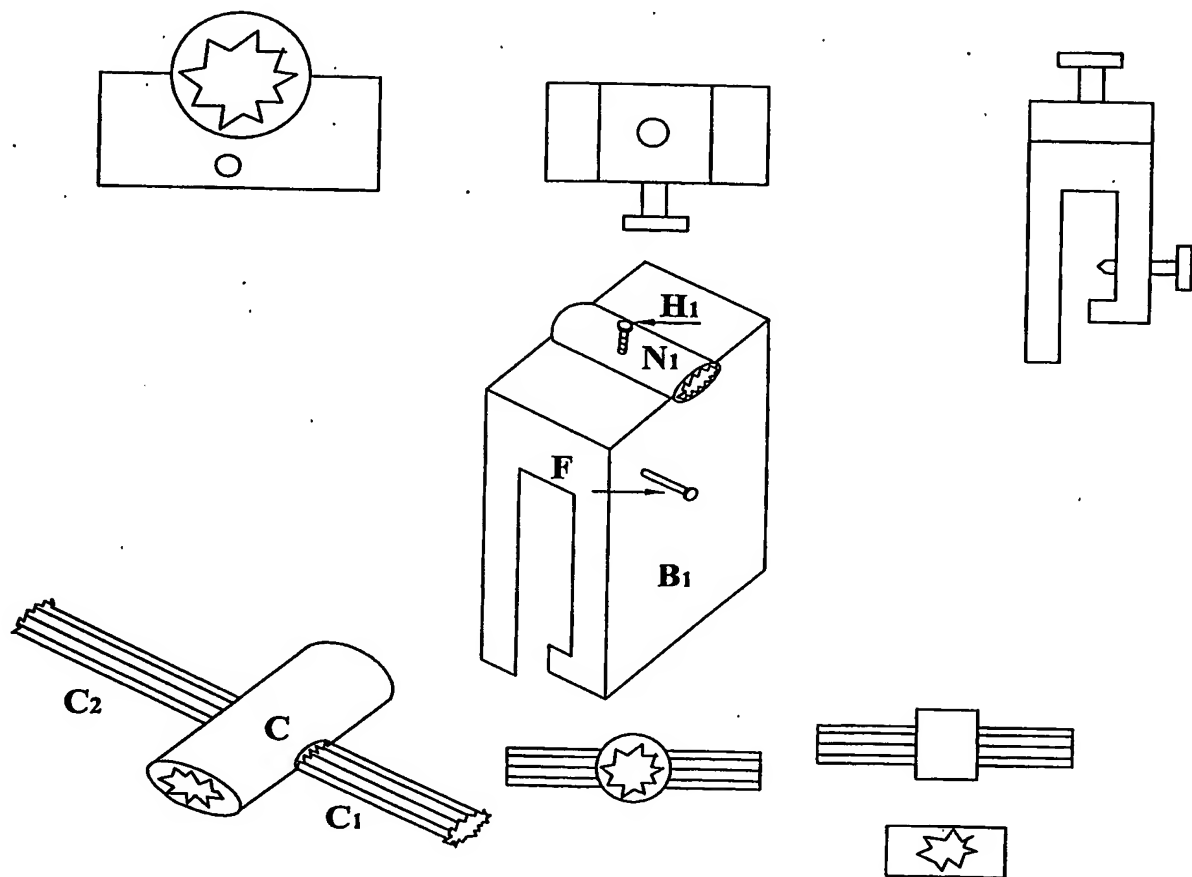


fig. 4



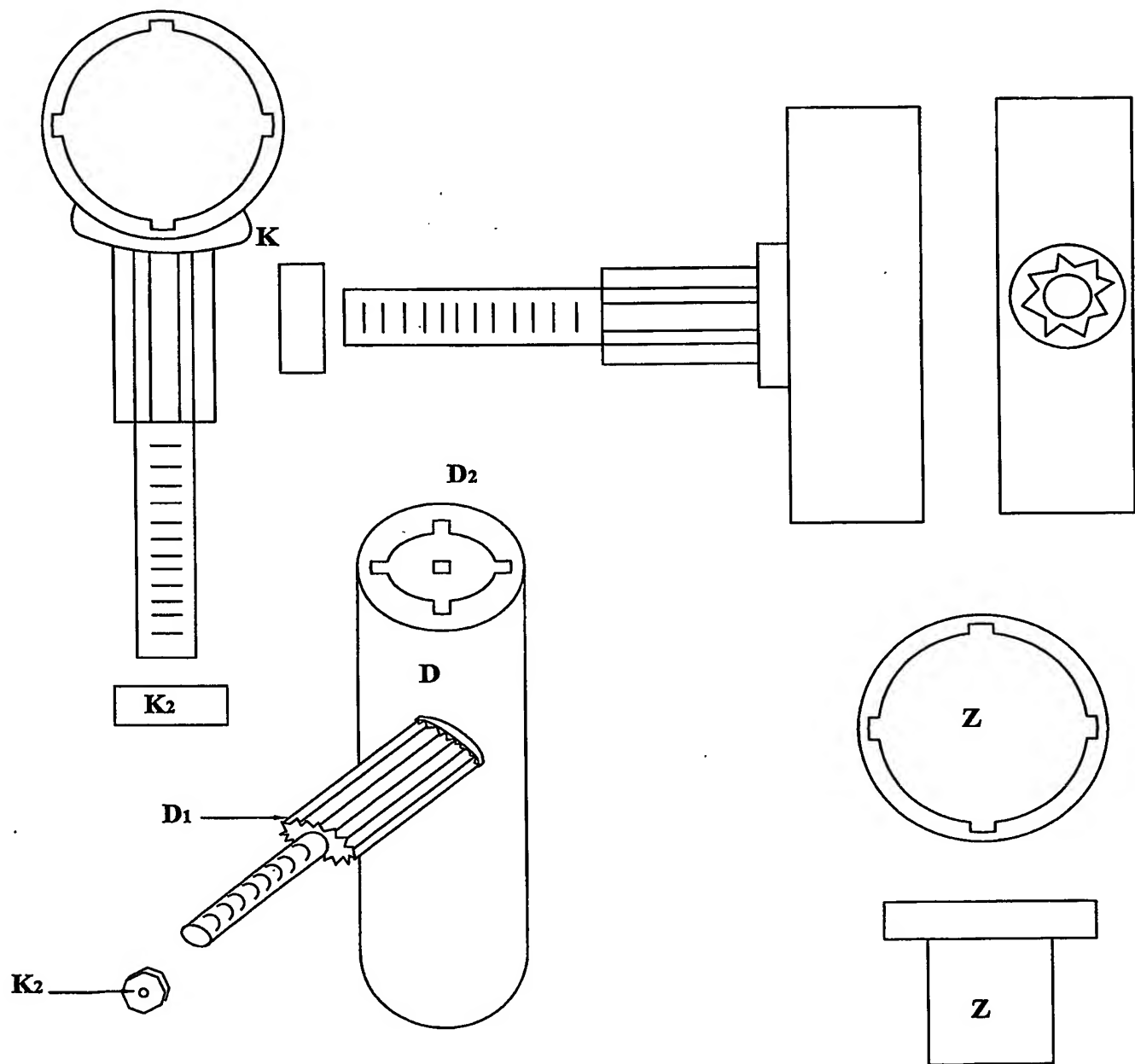


fig. 5



6/9

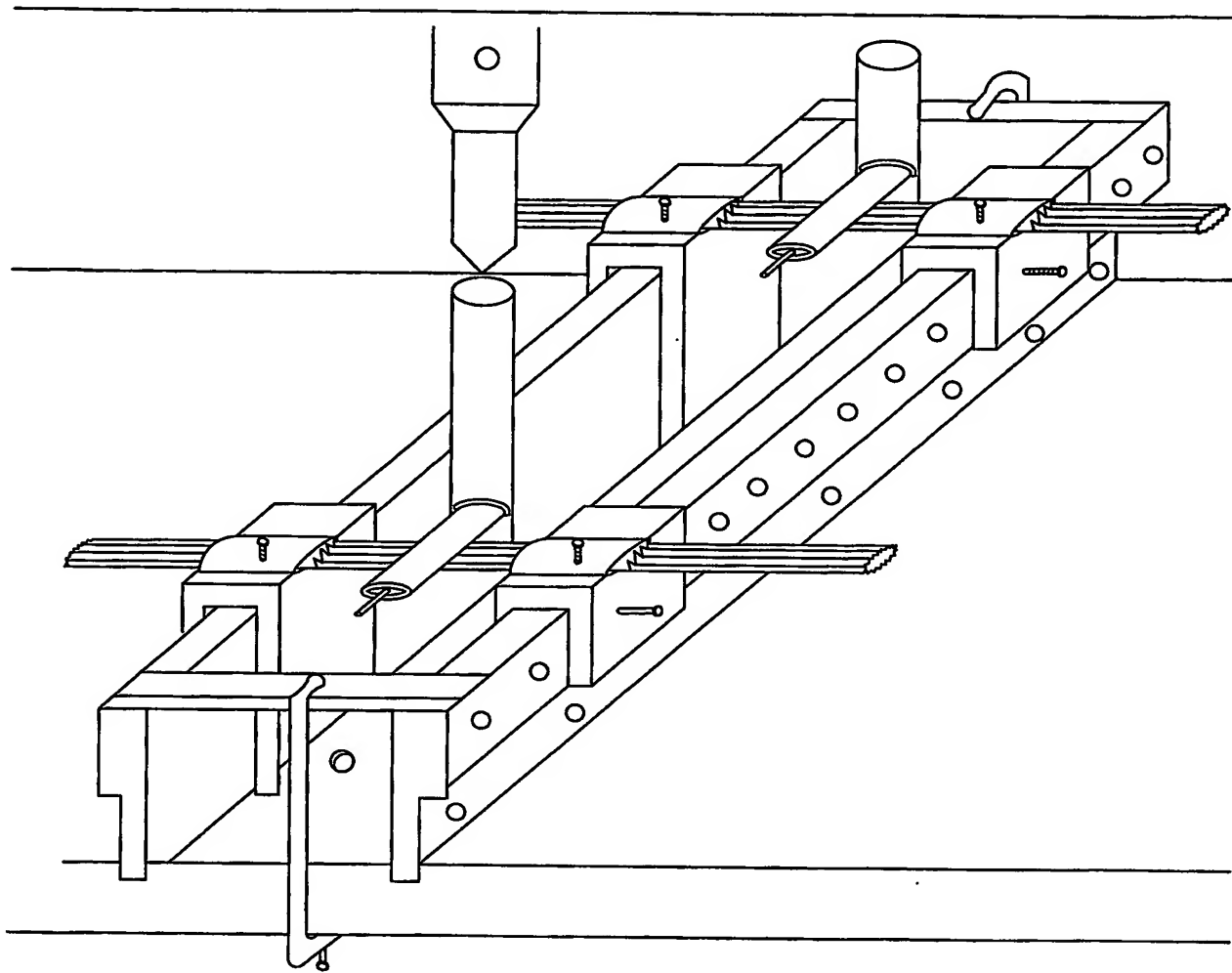


fig. 6



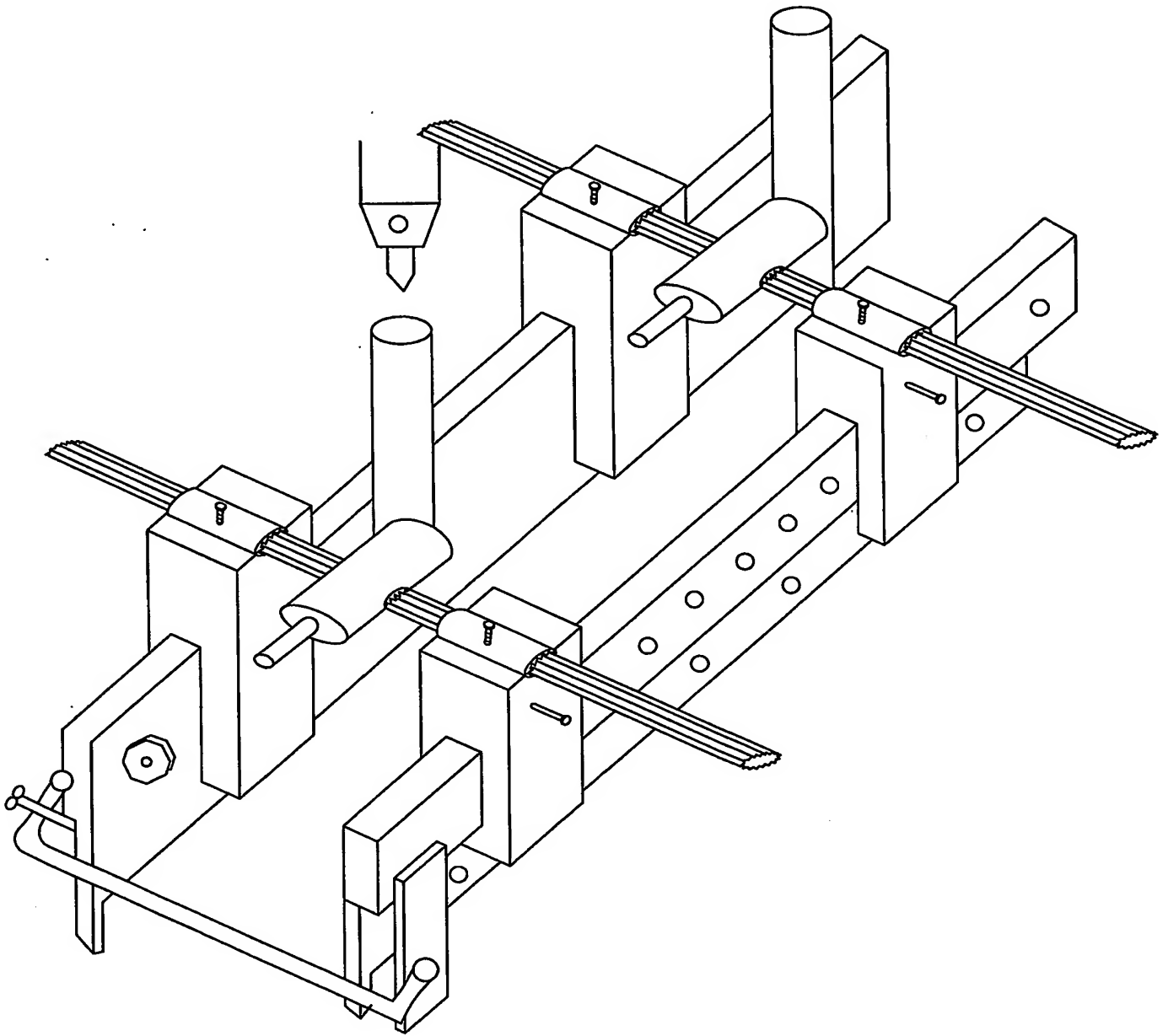
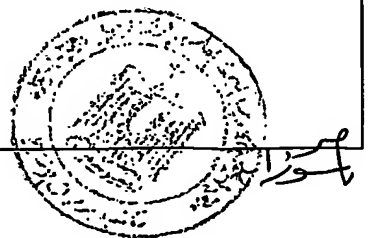


fig. 7



8/9

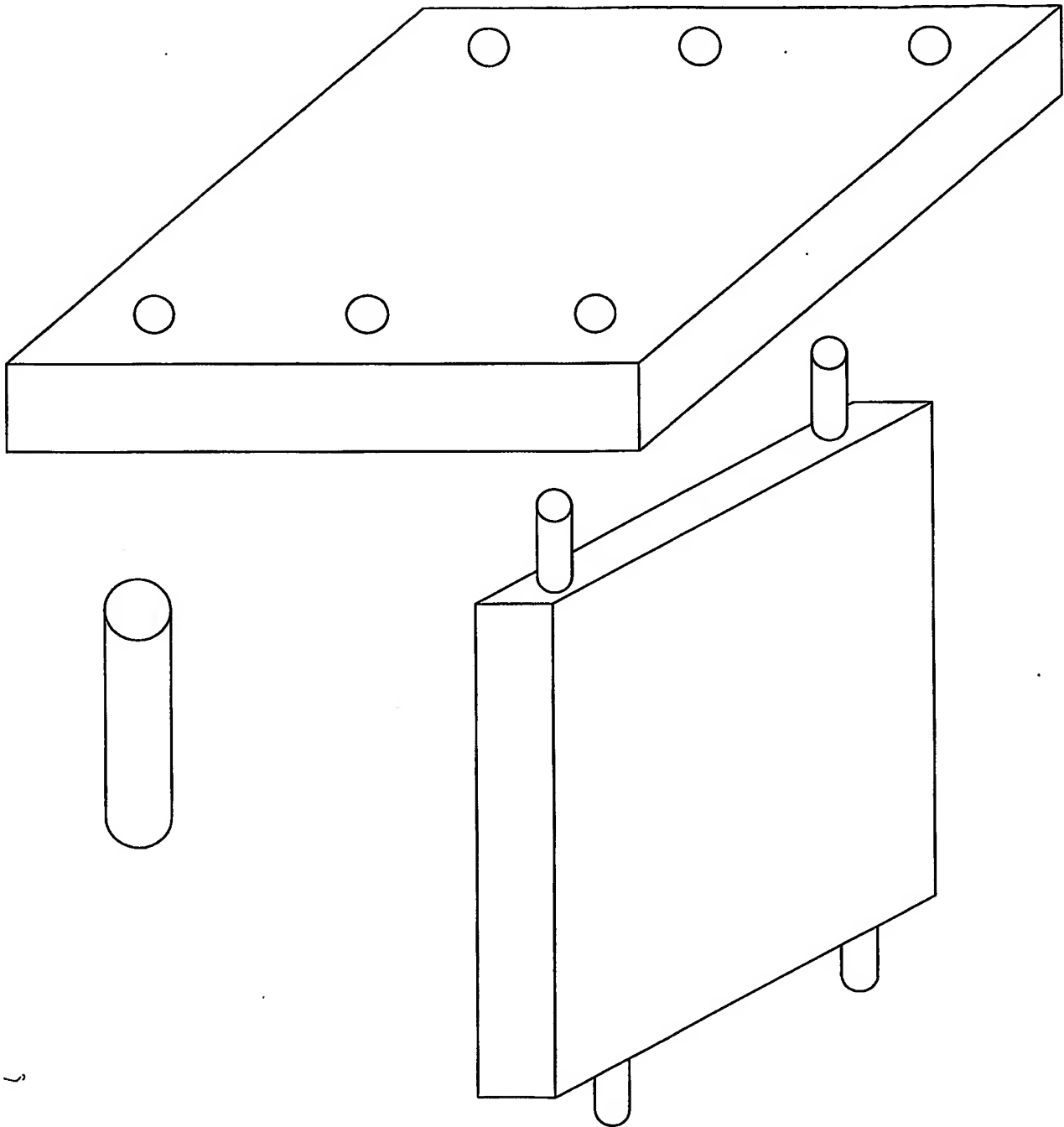


fig. 8



9/9

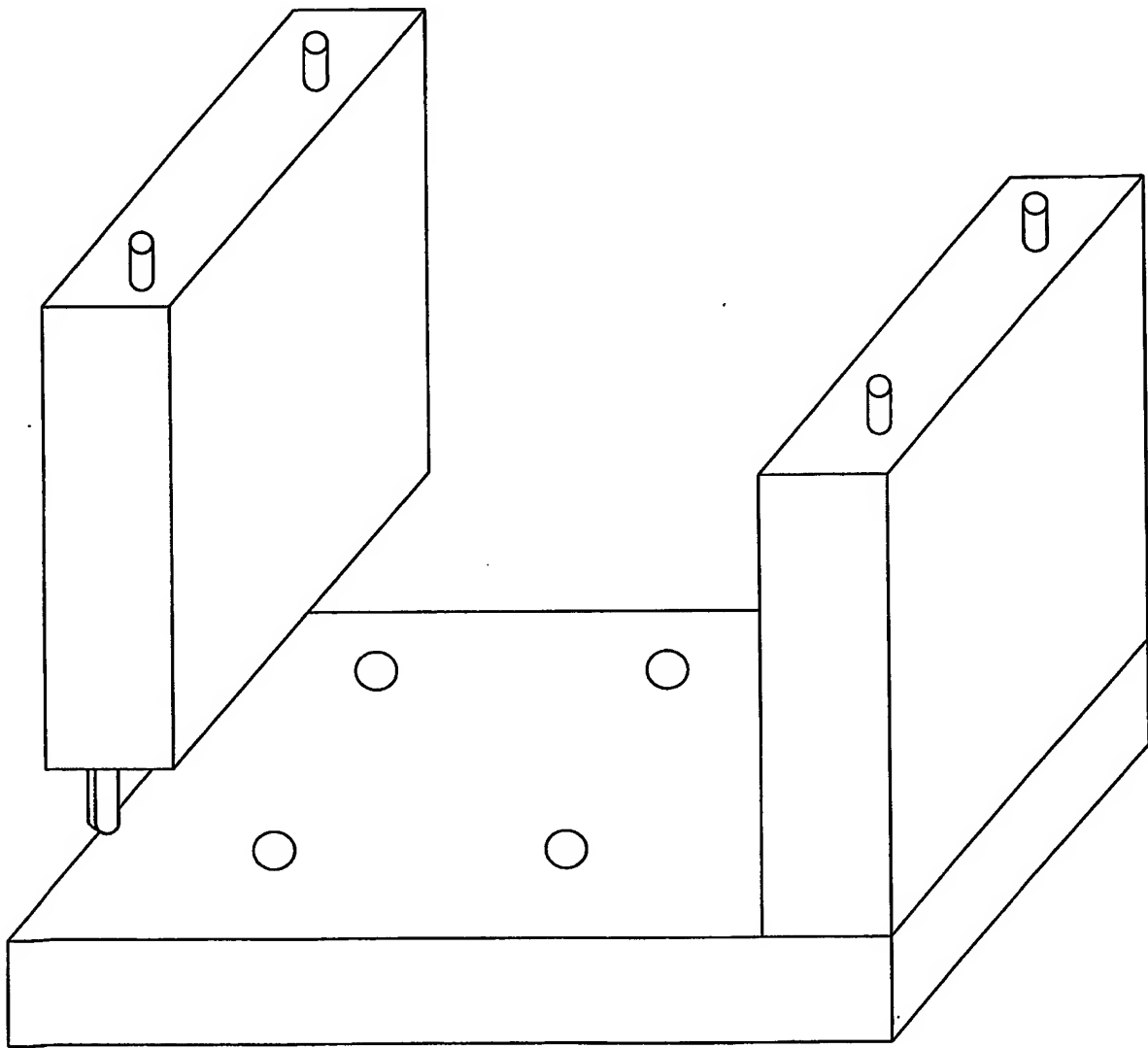
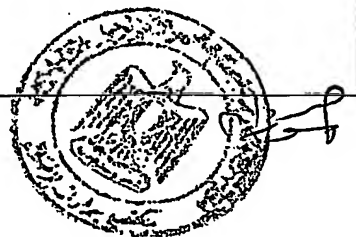


fig. 9



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ **BLACK BORDERS**
- ☒ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☒ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☒ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.